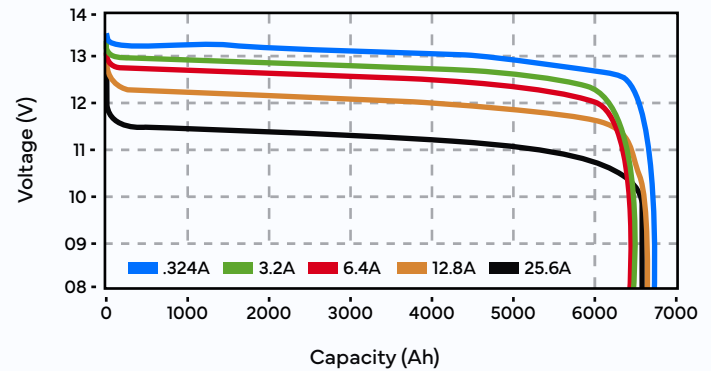


DATA SHEET

K2B12V7EB - HIGH CAPACITY | ENERGY BATTERY DATA



UNDOT 38.3 TESTED | RoHS Compliant

K2B12V7EB- 3 Discharge Rates

GENERAL SPECIFICATIONS

Nominal Capacity @ C/5 (Ah)	6.4
Average Operating Voltage @ C/5 (V)	12.8
Protection Control Module*	
Weight	2 lbs
Height	3.83 in
Width	2.53 in
Length	5.94 in

CONSTANT CURRENT TIME PROFILE @ 25°C

C/20 (0.32 A)	20 hrs
C/2 (3.2 A)	2 hrs
1C (6.4 A)	60 min
2C (12.8 A)	29 min
2.6C (16.7 A)	24 min

⚡ Cell balancing, low voltage cutoff, high voltage cutoff, & short circuit protection

RECOMMENDED OPERATING CONDITIONS

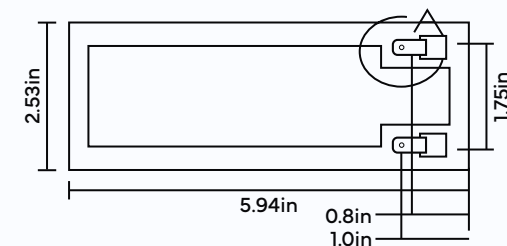
Continuous Discharge (A)	≤ 6.4
Pulse Discharge (A) 30 Seconds	25
Charge Current (A)	≤ 3.2
Charge Voltage Cutoff (V)	14.6
Discharge Voltage Cutoff (V)	10.0
High Operating Temp (°C)	60
Low Operating Temp (°C)	-20

MAXIMUM OPERATING CONDITIONS

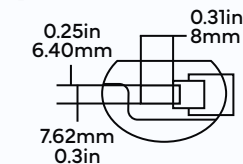
Continuous Discharge (A)	≤ 24
Pulse Discharge (A) 30 seconds	40
Charge Current (A)	≤ 6.4
Charge Voltage Cutoff (V)	16.4
Discharge Voltage Cutoff (V)	8.0
Max Modules in Series	4

DIMENSIONS

TOP VIEW



DETAIL A

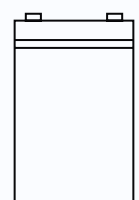


⚡ 0.8 Thick Blade
Compatible with Faston .250" Connectors

FRONT VIEW



SIDE VIEW



Manufactured and distributed by Grand Teton Energy Systems.

Performance may vary depending on application. All Specifications and operation conditions are subject to change without notice. This data is for evaluation purposes only. No guarantee is intended or implied by this data. MDS.

Version 001